

PREVENTION AND TREATMENT OF ALLERGIES BY HELMINTHIC
REGULATION OF IGE
David Follansbee
Appl. No.: Unknown **Atty Docket: DAVFOL.002C1**

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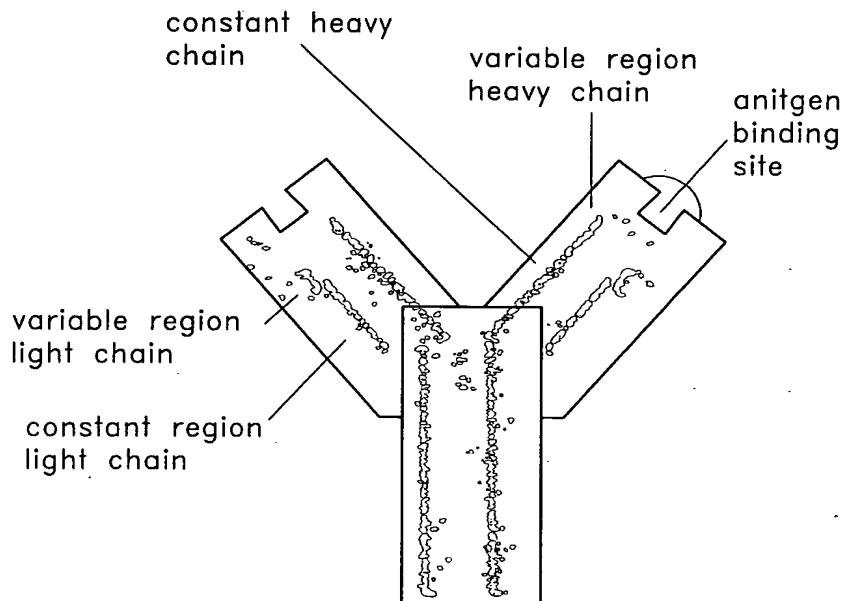


FIG. 1

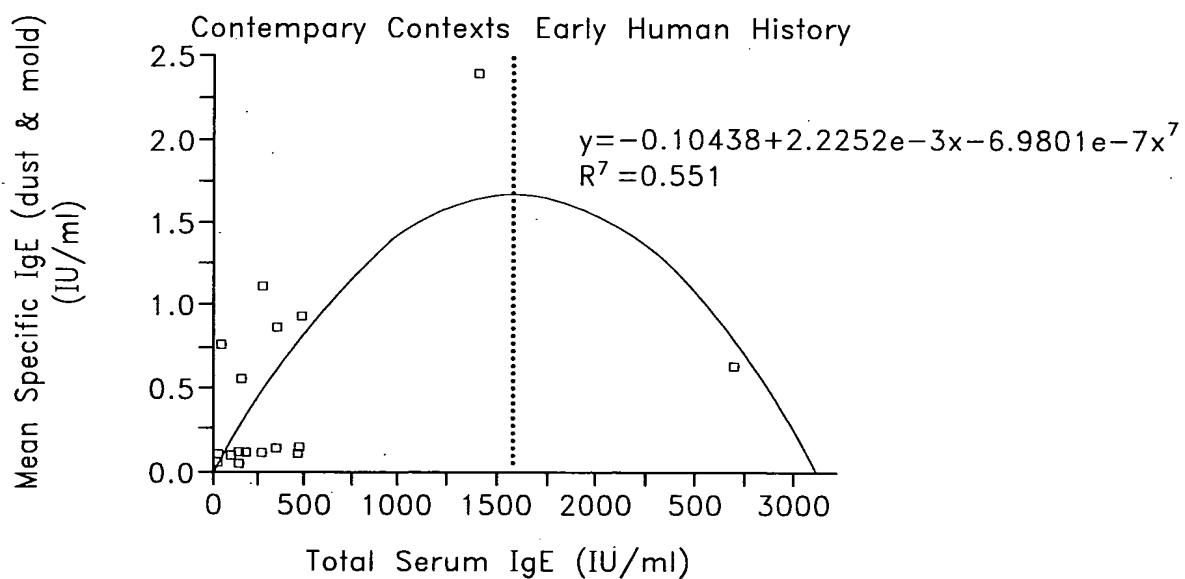


FIG. 2

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Table I. Cutaneous Reactions and Humoral Antibody Levels in the Study Group

Patient	Cutaneous Reactions, mm ²						humored Antibody, units/ml						
	Immediate*		Intermediate		Delayed		Total IgE		Specific IgE		Specific IgG,A,M		
	H. dust	Moulds	H. dust	Moulds	H. dust	Moulds	H. dust	Moulds	H. dust	Moulds	H. dust	Moulds	
PT	79	0	39	0	0	0	485	1.4	0.46	40.25	770	170	
PV	95	13	0	28	0	0	2700	0.25	1.05	67.5	720	304	
MA	39	0	0	0	0	0	1400	4.1	0.7	117.0	1620	293	
JE	39	0	0	0	0	0	60	0.095	0	64.0	1220	232	
AV	95	20	0	50	0	0	460	0.11	0.1	40.5	1190	171	
DC	177	0	0	0	0	0	360	1.6	0.15	32.0	446	192	
ZC	95	13	0	0	0	0	165	1.05	0.05	62.5	1270	323	
JH	113	0	0	0	0	0	465	0.15	0.14	38.0	540	163	
MH	50	20	0	13	491	285	2.1	0.13	32.0	510	230	690	
CO	79	20	0	0	0	707	190	0.11	0.11	23.75	510	226	
CP	20	39	0	64	0	1018	55	0.095	0.03	37.5	940	144	
CS	20	0	0	95	20	398	115	0.1	0.06	40.25	750	156	
NL	227	39	154	227	0	0	65	1.5	0.03	39.0	1060	210	
HW	0	0	0	0	0	0	20	0.09	---	34.25	510	292	
GO	79	0	0	0	0	0	594	55	0.11	0.102	122.5	1840	
LP	79	50	0	0	0	0	285	0.11	0.14	58.5	1580	230	
MD	0	0	0	0	0	0	531	350	0.1	0.17	59.0	740	
CU	39	13	0	50	0	0	0	10	0.08	0	80.0	990	
IH	39	0	0	0	0	0	227	105	0.09	0	82.5	1330	
RN	13	0	0	0	0	0	177	30	0.095	0	25.0	1240	
MM	0	0	0	0	0	0	275	0.11	0.104	53.0	830	245	
EN	0	0	0	0	0	0	80	0.095	0.04	50.0	960	1630	
BC	39	39	0	0	0	0	0	20	0.095	0	50.4	970	185
GD	0	0	0	0	0	0	0	0	0.04	51.0	200	227	
HC	95	20	0	0	0	0	227	160	0.104	0.122	324	200	227
JH	154	28	0	0	0	0	155	0.125	0.105	73.5	720	1420	1300

*Wheel area.

FIG. 3

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Table I. Immediate hypersensitivity skin test and RAST positivity in Amazon Indians

	Insects			Dermatophagoides			Moulds			House dust			Epithelia		
	n	%	n	n	%	n	n	%	n	n	%	n	n	%	n
Skin test (n=193)	7	3.6	6	3.1		3	1.5		2	1.0		1	0.5		
RAST (n=49)	13	36.7	NT			5	10.2		NT			NT			

NT-Not tested.

FIG. 4

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Table II. Helminthic infection detected in serially collected feces samples of 114 Amazon Indians

Avstris lumbricoides		Trichuris trichuria		Necator americanus ¹		Tuenia sp.	
n	% positive	n	% positive	n	% positive	n	% positive
77	67.5	22	19.3	19	16.7	9	7.8

¹Necator or Ancylostoma infections were not differentiated.

FIG. 5